

## Publications

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**Socio-economic transformation follows environmental change on Svalbard**

Jan Marcin WĘSŁAWSKI, Jacek URBAŃSKI, Joanna PIWOWARCZYK, Sabine K.J. COCHRANE, Janne SØREIDE

**ARTICLE**  
in Polish Polar Research

European Arctic | climate change | human impact | societal change | biodiversity

DOI: 10.24425/ppr.2024.150881

TITLE: Socio-economic transformation follows environmental change on Svalbard

LEAD AUTHOR: Jan Marcin Węśłowski

WILL BE PUBLISHED IN: Polish Polar Research

DOI: 10.24425/ppr.2024.150881

NEW PUBLICATION!

**ECOSYSTEM ACCOUNTING FOR MARINE-BASED TOURISM PROVIDED BY *POSIDONIA OCEANICA* IN ITALY**

Alice Bartolini, Valentina Di Gennaro, Vittoria Reas, Rosa Anna Mascolo, Alessandra La Notte, Alessio Capriolo, Silvia Ferrini

One Ecosystem 9, e129751

<https://doi.org/10.3897/oneeco.9.e129751>

MARBEFES

TITLE: Ecosystem Accounting for Marine-based Tourism Provided by *Posidonia oceanica* in Italy

LEAD AUTHOR: Alice Bartolini

PUBLISHED IN: One Ecosystem

DOI: <https://doi.org/10.3897/oneeco.9.e129751>



**LINKING MARINE HABITATS  
AND ECONOMIC VALUES: A SPATIAL  
SCALING METHODOLOGY FOR  
VALUING SOCIETAL BENEFITS**

D. Burdon, S. Barnard, J.A. Strong, J.P. Atkins

*Ecological Economics* Volume 224, October 2024, 108316

<https://doi.org/10.1016/j.ecolecon.2024.108316>

TITLE: Link  
values: A s  
valuing soc

LEAD AUTH  
Strong, J.P.

PUBLISHED

DOI:  
<https://doi.org/10.1016/j.ecolecon.2024.108316>



**FRAM FORUM 2024**  
**ANNUAL REPORTS / VOL 13**

**Marine biodiversity, ecosystem function,  
services, and societal benefit**

*Sabine KJ Corchane  
Herman Hummel  
Jan Marcin Węstawski*

<https://framforum.com/2024/03/05/marine-biodiversity-ecosystem-function-services-and-societal-benefit/>

TITLE: Mar  
function, s

LEAD AUTH

PUBLISHED

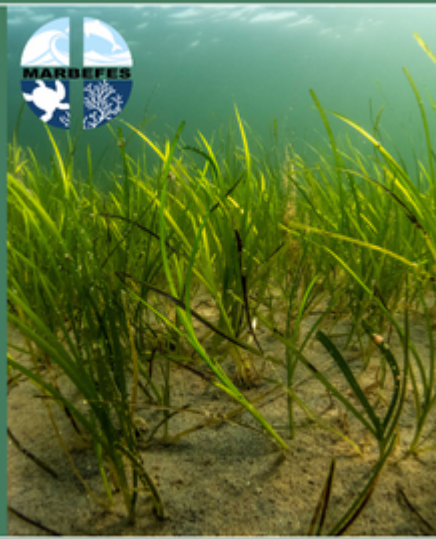
DOI:  
<https://framforum.com/2024/03/05/marine-biodiversity-ecosystem-function-services-and-societal-benefit/>

<https://doi.org/10.1007/s10811-023-03047-3>

Journal of Applied Phycology

# Species-specific responses of macrophyte production to the increasing CO<sub>2</sub> environment with potential ecosystem implications involved in the Baltic Sea

Liina Pajusalu, Gerli Albert, Evangeline Fachon, Christopher D. Hepburn, Jonne Kotta, Anneliis Kõivupuu, Tiina Paalme, Daniel W. Pritchard, Arno Põllumäe, Kaire Torn & Georg Martin



TITLE: Spe  
macrophyt  
environme  
implication

LEAD AUTH

PUBLISHED

DOI: <https://doi.org/10.1007/s10811-023-03047-3>

## Science of The Total Environment

PERSISTENCE IN A TROPICAL TRANSITION ZONE? SARGASSUM FORESTS ALTERNATE SEASONAL GROWTH FORMS TO MAINTAIN PRODUCTIVITY IN WARMING WATERS AT THE EXPENSE OF ANNUAL BIOMASS PRODUCTION

RHYN W.Y. CHEUNG-WONG A B, JONNE KOTTA C, DEEVESH A. HEMRAJ A B, BAYDEN D. RUSSELL

[HTTPS://DOI.ORG/10.1016/J.SCITOTENV.2022.158154](https://doi.org/10.1016/j.scitotenv.2022.158154)

TITLE: Pers  
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DOI:  
<https://doi.org/10.1016/j.scitotenv.2022.158154>



TITLE: Marine biodiversity, ecosystem function, services, and societal benefit

LEAD AUTHOR: Sabine KJ Corchane

PUBLISHED: 2024

DOI: <https://framforum.com/2024/03/05/marine-biodiversity-ecosystem-function-services-and-societal-benefit/>



TITLE: Arctic science: 30 years of Norwegian - Polish cooperation

LEAD AUTHOR: Salve Dahle

PUBLISHED: 2024

DOI: <https://framforum.com/2024/03/05/arctic-science-30-years-of-norwegian-polish-cooperation/>

**Quantifying the role of  
saltmarsh as a vulnerable  
carbon sink: A case study  
from Northern Portugal**

Jacinto Cunha, Edna  
Cabecinha, Sebastian  
Villasante, José A. Gonçalves,  
Stefano Balbi, Michael Elliott,  
Sandra Ramos

<https://doi.org/10.1016/j.scitotenv.2024.171443>




TITLE: Qua  
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DOI:  
<https://doi.org/10.1016/j.scitotenv.2024.171443>

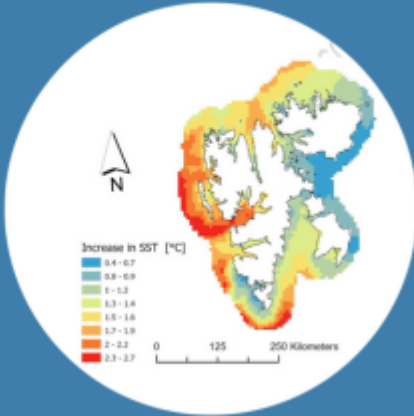


## New MARBEFES article

Forty years of warming:  
Environmental change in marine  
coastal habitats on Svalbard  
between 1981 and 2022

Jan Marcin Węslawski & Jacek A. Urbański

DOI: [10.24425/ppr.2024.149207](https://doi.org/10.24425/ppr.2024.149207)



TITLE: Fo  
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DOI: [10.2](https://doi.org/10.24425/ppr.2024.149207)



## NEXT MARBEFES ARTICLE !

Taxonomic and functional diversity  
of nematode fauna: two sides of  
the same coin in the ecological  
quality assessment of transitional  
environments

Eleonora Grassi, Linda Catani,  
Paolo Magni, Maria Flavia Gravina,  
Federica Semprucci

**ESTUARINE, COASTAL AND SHELF SCIENCE**  
VOLUME 295, 5 DECEMBER 2023, 108550



TITLE: Taxo  
nematode  
in the ecol  
transitional

LEAD AUTH

PUBLISHED  
Science

DOI:  
[https://doi.](https://doi.org/10.1016/j.ecscs.2023.108550)

**ENVIRONMENT- AND SCALE-DEPENDENT  
CHANGES IN THE FUNCTIONING OF  
INVERTEBRATE COMMUNITIES ASSOCIATED  
WITH FUCUS VESICULOSUS**

*Tiina Salo, Henna Rinne, Ellen Rancken,  
Jean-François Blanc, Sonja Salovius-Laurén,  
Marie C. Nordström*

<https://doi.org/10.1016/j.ecss.2023.108411>



TITLE: Envi  
changes in  
communiti  
vesiculosus

LEAD AUTH

PUBLISHED  
Science

DOI:  
<https://doi.org/10.1016/j.ecss.2023.108411>



Estuarine, Coastal and Shelf Science  
Volume 290, 5 September 2023, 108411



*MARBEFES* article  
**Marine Ecosystem Services and Integrated  
Management: “There’s a crack, a crack in  
everything, that’s how the light gets in”!**  
**by Michael Elliott**

in *Marine Pollution Bulletin*  
Volume 193, August 2023, 115177

<https://doi.org/10.1016/j.marpolbul.2023.115177>

TITLE: Ther  
that's how

LEAD AUTH

PUBLISHED

DOI:  
<https://doi.org/10.1016/j.marpolbul.2023.115177>



## MARBEFES article in Advances in Oceanography and Limnology

Macrobenthos of lagoon  
ecosystems:  
a comparison in vegetated  
and bare sediments

*Paolo Magni &  
Maria Flavia Gravina*

<https://doi.org/10.1016/j.ecolind.2023.109939>



TITLE: Mac  
comparison

LEAD AUTH

PUBLISHED  
and Limno

DOI: <https://doi.org/10.1016/j.ecolind.2023.109939>



## First MARBEFES article in Ecological Indicators

Joint use of biological traits,  
diversity and biotic indices to  
assess the ecological quality status  
of a Mediterranean transitional  
system

*Paolo Magni, Seyed Ehsan Vesal,  
Jacopo Giampaoletti, Serena Como,  
Maria Flavia Gravina*

<https://doi.org/10.1016/j.ecolind.2023.109939>



TITLE: Joint  
and biotic  
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LEAD AUTH

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DOI:  
<https://doi.org/10.1016/j.ecolind.2023.109939>



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